

Electronic Acknowledgement Receipt

EFS ID:	5585253
Application Number:	10523167
International Application Number:	
Confirmation Number:	8220
Title of Invention:	Method and apparatus to establish constellations for imperfect channel state information at a receiver
First Named Inventor/Applicant Name:	Mohammad Jaber Borran
Customer Number:	23524
Filer:	Callie M. Bell/Linda Anderson
Filer Authorized By:	Callie M. Bell
Attorney Docket Number:	088245-0799
Receipt Date:	25-JUN-2009
Filing Date:	10-MAR-2006
Time Stamp:	15:15:28
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	1371
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Foreign Reference	EP1324558.pdf	472233	no	35
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Total Files Size (in bytes):			6857598		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.